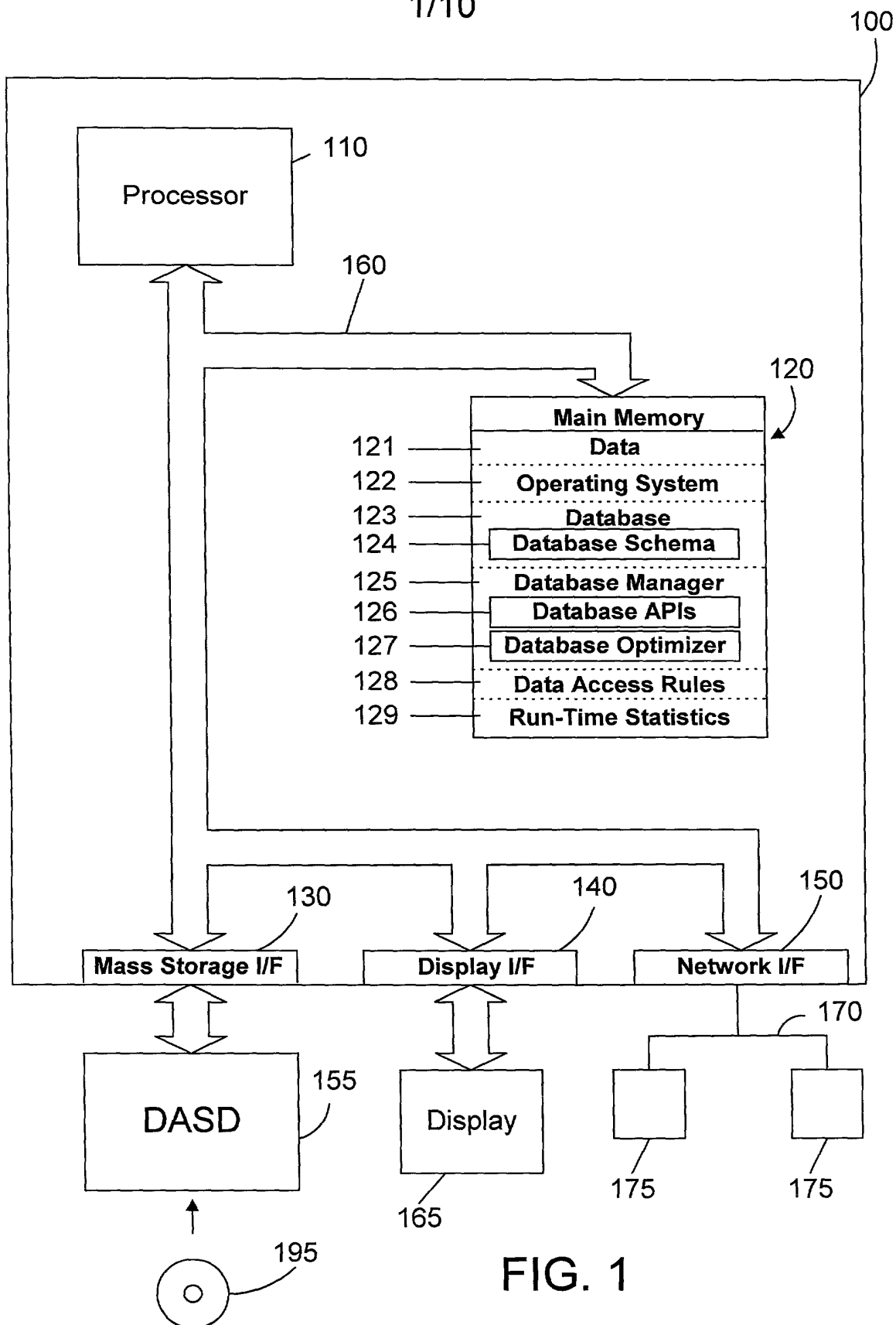


1/10



Select * from Table1 where C1=4
 AND (C2>6 OR C3!=8)

FIG. 2

Prior Art

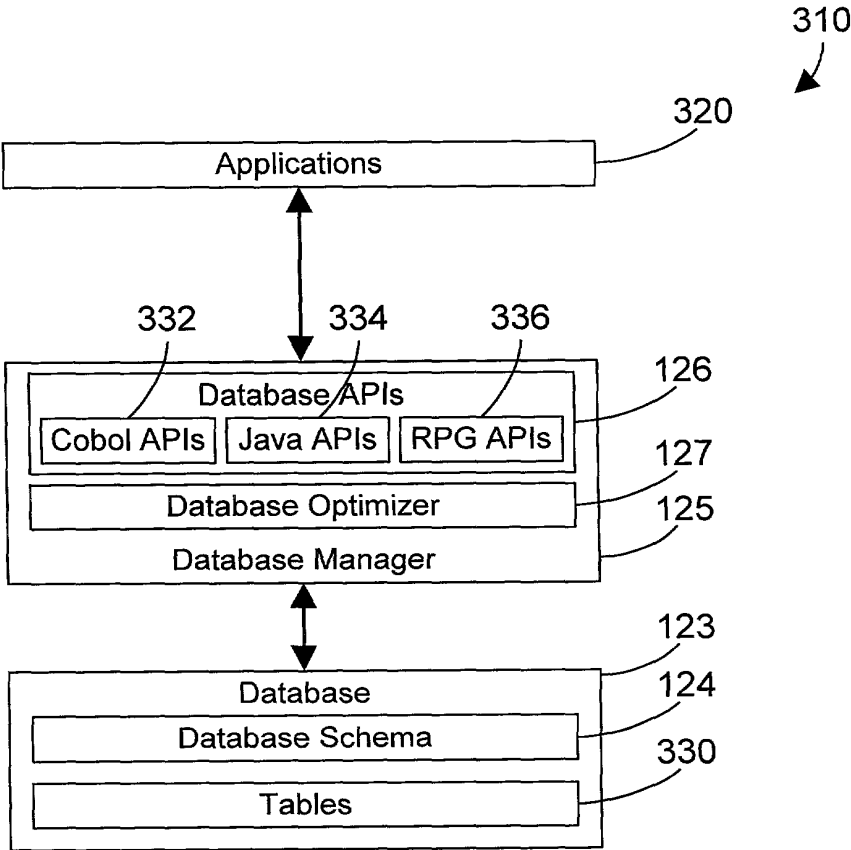


FIG. 3

3/10

400

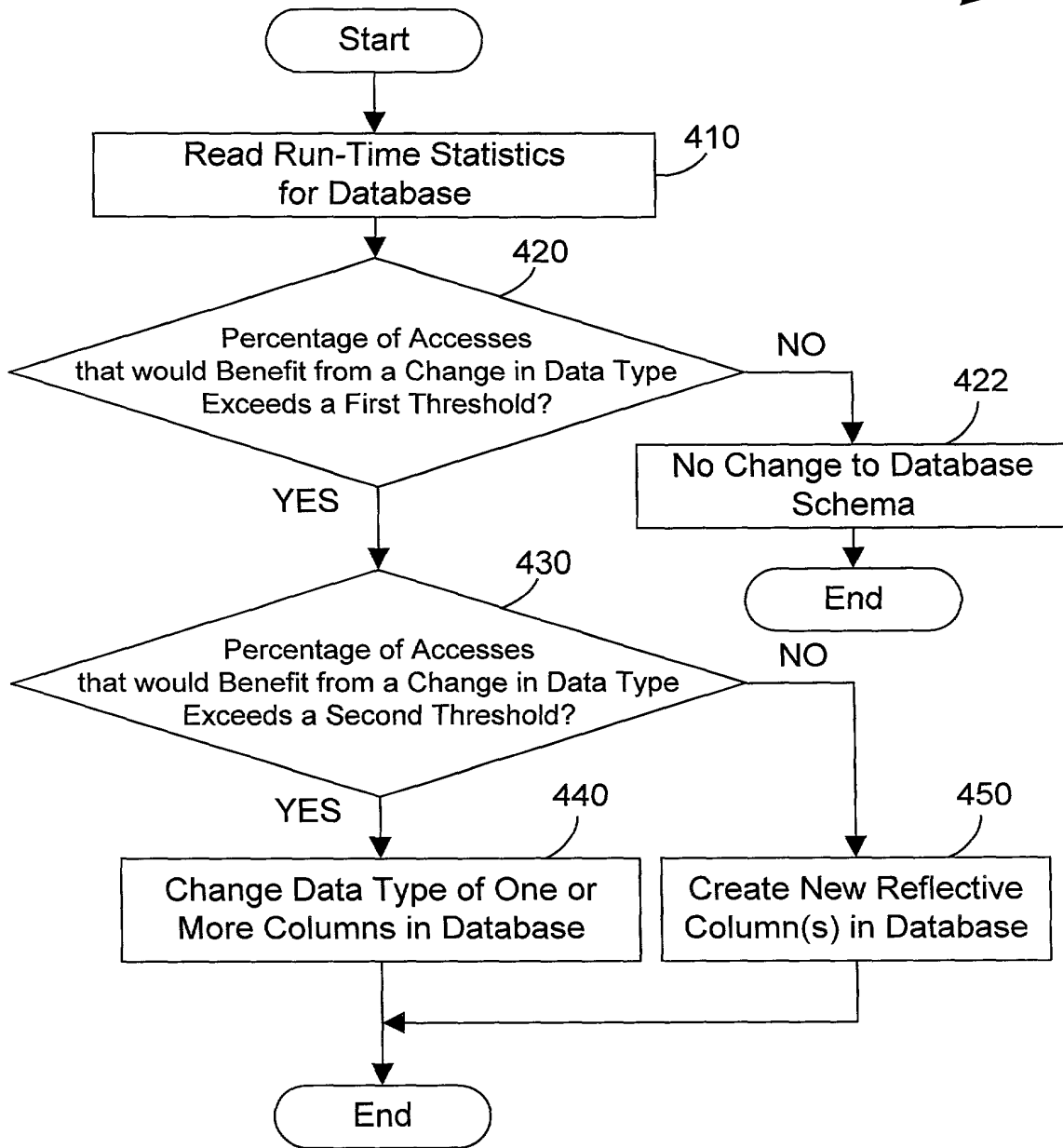


FIG. 4

4/10

500

Customization Settings

☐ Off
☐ Advise Only
☒ Automatic Changes

FIG. 5

600

Threshold Settings

Lower Threshold %
Upper Threshold %

FIG. 6

700

710 char(20) name	720 packed decimal (6,0) id
John Smith	345987
Jane Jones	478921
Bob Johnson	157346

FIG. 7

700A

710 Char(20) name	720 packed decimal (6,0) id	810 unicode(20) name_ref	820 int id_ref
John Smith	345987	*	+
Jane Jones	478921	*	+
Bob Johnson	157346	*	+

FIG. 8

20240511.021402

5/10

810

820

700B

unicode(20) name	int id
John Smith	345987
Jane Jones	478921
Bob Johnson	157346

FIG. 9

1000

SchemaName	TableName	TableOwner	Column Count
EmpSchema	Employee	user profile	2
⋮	⋮	⋮	⋮
Schema2	Table3	Owner4	5

FIG. 10

Prior Art

1100

Column Name	Table Name	Schema Name	Data Type	Column Size
name	Employee	EmpSchema	char	20
id	Employee	EmpSchema	packed decimal	(6,0)

FIG. 11

Prior Art

1200

1210

SchemaName	TableName	TableOwner	Column Count	Contains Reflection
EmpSchema	Employee	user profile	2	False
...
Schema2	Table3	Owner4	5	False

1300

1310

1320

1330

Column Name	Table Name	Schema Name	Data Type	Column Size	Is Reflective Column	Reflective for Column	Optimized for Paradigm
name	Employee	EmpSchema	char	20	False	Null	COBOL
id	Employee	EmpSchema	packed decimal	(6,0)	False	Null	COBOL

FIG. 12

FIG. 13

7/10

1400

SchemaName	TableName	TableOwner	Column Count	Contains Reflection
EmpSchema	Employee	user profile	2	True
...
Schema2	Table3	Owner4	5	False

1210

1500

FIG. 14

Column Name	Table Name	Schema Name	Data Type	Column Size	Is Reflective Column	Reflective for Column	Optimized for Paradigm
name	Employee	EmpSchema	char	20	True	name_ref	COBOL
id	Employee	EmpSchema	packed decimal	(6,0)	True	id_ref	COBOL
name_ref	Employee	EmpSchema	unicode	20	True	name	Java
id_ref	Employee	EmpSchema	int	6	True	id	Java

1310

1320

1330

FIG. 15

1600

SchemaName	TableName	TableOwner	Column Count	Contains Reflection
EmpSchema	Employee	user profile	2	False
...
Schema2	Table3	Owner4	5	False

1210

1700

FIG. 16

1330

Column Name	Table Name	Schema Name	Data Type	Column Size	Is Reflective Column	Reflective for Column	Optimized for Paradigm
name	Employee	EmpSchema	unicode	20	False	Null	Java
id	Employee	EmpSchema	int	6	False	Null	Java

1310

1320

FIG. 17

9/10

1800

View Metadata

☐ Application View

☒ System View

FIG. 18

1900

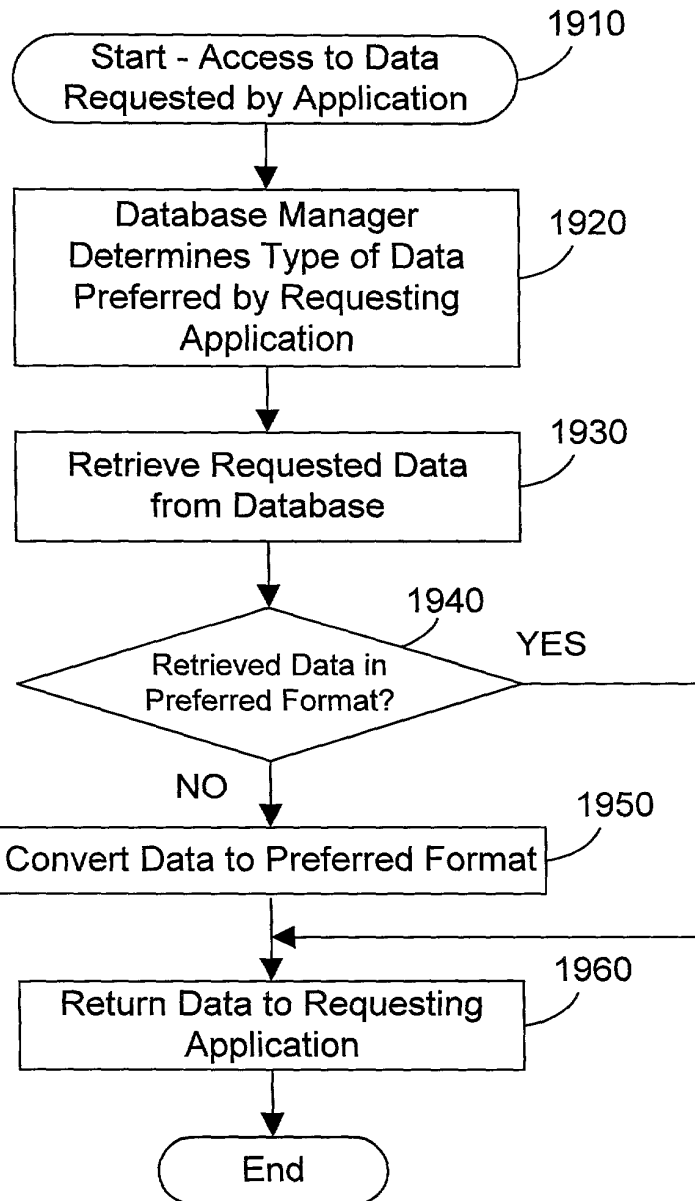


FIG. 19

20075651.021402

10/10

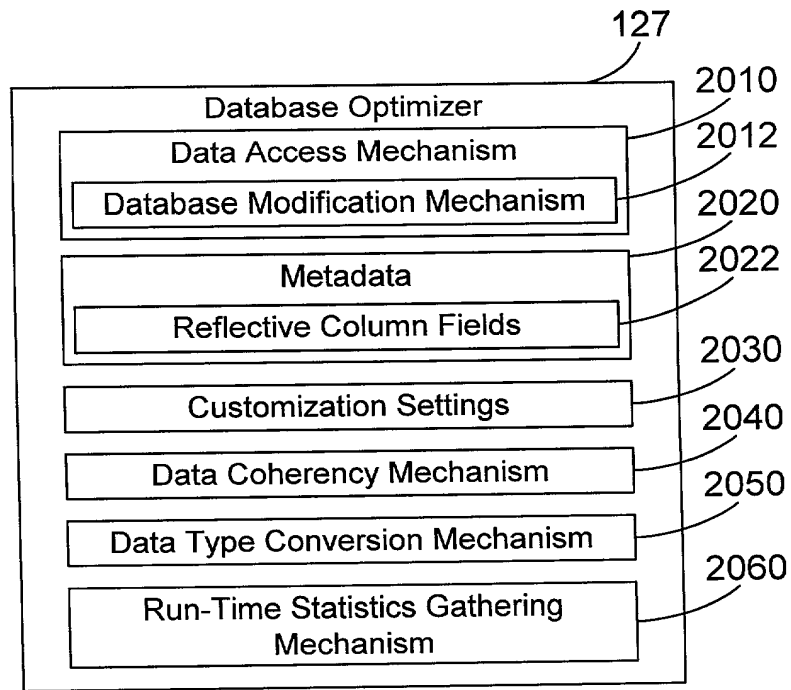


FIG. 20

2047551.034406